



STATE OF MISSOURI
MISSOURI AGRICULTURAL AND SMALL BUSINESS DEVELOPMENT AUTHORITY (MASBDA)
APPLICATION FOR ANIMAL WASTE TREATMENT SYSTEM LOAN PROGRAM

PLEASE PRINT OR TYPE ALL INFORMATION ON THIS FORM AND COMPLETE ALL QUESTIONS.

TO BE COMPLETED BY APPLICANT

NAME

ADDRESS

TELEPHONE

()

1.A. ESTIMATED PURCHASE OR CONSTRUCTION PRICE OF
THE PROJECT (FROM DATE INPUT SHEET ADDENDUM)

\$

1.B. AMOUNT OF LOAN DOWN PAYMENT (IF ANY)

\$

1.C. AMOUNT OF FEDERAL OR STATE COST SHARE OR
GRANT (IF ANY)

\$

2. AMOUNT OF LOAN REQUEST

\$

3. DESCRIPTION OF EQUIPMENT AND FACILITIES TO BE FINANCED (CHECK THOSE THAT APPLY)

- | | |
|-----------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> earthen or concrete storage structures | <input type="checkbox"/> traveling gun irrigation system |
| <input type="checkbox"/> land | <input type="checkbox"/> tank wagon |
| <input type="checkbox"/> engineering costs | <input type="checkbox"/> manure spreader |
| <input type="checkbox"/> finance fees | <input type="checkbox"/> recycle pumps |
| <input type="checkbox"/> pipes | <input type="checkbox"/> portions of dairy feeding floors and loafing areas used for waste collection |
| <input type="checkbox"/> pumps | <input type="checkbox"/> tractor blades used for scraping waste |
| <input type="checkbox"/> agitation equipment | <input type="checkbox"/> vegetative filters |
| <input type="checkbox"/> fencing around lagoons | <input type="checkbox"/> other (describe) _____ |
| <input type="checkbox"/> water systems | _____ |

4. DESIGNATED SOURCE OF REPAYMENT

- ☐ assignment of payment from contractor or agribusiness
- ☐ assignment of guarantee of principal and interest by agribusiness
- ☐ assignment of CFSA payments
- ☐ bank letter of credit
- ☐ other

5. NAME OF AGENCY, BUSINESS OR BANK PROVIDING DESIGNATED SOURCE OF PAYMENT

ADDRESS

TELEPHONE

PERSON TO CONTACT

6. ARE DEBTS OUTSTANDING ON THE LAND WHICH THE ANIMAL WASTE FACILITIES ARE LOCATED?

☐ YES ☐ NO

IF YES, TO WHOM ARE DEBTS OWED? (NAME)

ADDRESS

TELEPHONE NUMBER

PERSON TO CONTACT

7. LOCATION OF PROJECT (COMPLETE ITEMS A AND B FOR LAND ON WHICH ANIMAL WASTE FACILITIES BEING FINANCED ARE LOCATED)

A.	COUNTY AND TOWNSHIP NAMES	SECTION NUMBER
B.	LOCATION BY ROAD FROM NEAREST TOWN (EXAMPLE: 4 miles north and 3/4 miles west of Anytown, MO on Road N) _____	

CERTIFICATION OF APPLICANT

In submitting this application, I, the undersigned borrower, have read the following statements and hereby certify and agree that:

1. A. I am _____ in an entity that is making the application for a loan.
 - (i) a commissioner or employee of the Missouri Agricultural and Small Business Development Authority with a substantial interest.
 - (ii) a member of the Missouri General Assembly with substantial interest.
 - (iii) a state-wide elected official with substantial interest.
 - (iv) a director of a state department with substantial interest
 - (v) a parent, child, spouse or sibling or any of the above with a substantial interest (Substantial Interest defined in RSMo Section 105.40) *Does any statement apply?* ☐ YES ☐ NO
- B. If an individual, I am a permanent resident of the state of Missouri (If a partnership, all members must meet the resident requirements.) ☐ YES ☐ NO
- C. If a corporation, the company is located in Missouri. ☐ YES ☐ NO
2. The project is located within the State of Missouri. ☐ YES ☐ NO
3. If an individual, I am at least 18 years of age. ☐ YES ☐ NO
4. I have been unable to secure financing from conventional sources on equivalent terms. ☐ YES ☐ NO
5. I agree that the loan may not be assumed by another person without prior approval of MASBDA. ☐ YES ☐ NO
6. I understand and agree that an unrefundable application fee of \$50 shall be submitted with this application. ☐ YES ☐ NO
7. I understand and agree that a program fee of 1% of the amount borrowed will be charged and due at closing, with a minimum fee of \$250. ☐ YES ☐ NO
8. I understand that the borrower shall be obliged to pay closing costs incurred by MASBDA including attorney's fees, recording costs, survey costs, and filing fees in connection with the loan. ☐ YES ☐ NO
9. I understand and agree that loans cannot be made to producers whose poultry or livestock operation has been determined by the Missouri Department of Natural Resources to be a "concentrated animal feeding operation." ☐ YES ☐ NO
10. I understand and agree that no loan will be made until MASBDA has received a copy of the Missouri Clean Water Commission Letter of Approval for Operation for the animal waste treatment system being financed. ☐ YES ☐ NO
11. I understand and agree that (a) security (first or second deed of trust and/or a lien on equipment being financed) and (b) a designated source of repayment (an assignment of allowable payments or guarantees) will be provided for the loan. ☐ YES ☐ NO
12. As an applicant to a program administered by the Missouri Agricultural and Small Business Development Authority, I (we) understand that the application for a loan authorizes the Authority to obtain financial credit information. (No further notice of subsequent access to this information shall be provided during the term of the loan.) ☐ YES ☐ NO
13. To the best of my knowledge, all information I have supplied to the Authority is truthful and complete. This includes the application and all documentation, including financial statements. ☐ YES ☐ NO
14. I authorize the Authority to release information regarding the description of the property to be financed to the extent necessary to comply with legal requirements for processing the loan application. ☐ YES ☐ NO

The Lender has submitted with the application;

- | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Cover Page (Explanation of what is wanted, background of farmer and operation, etc.) • A copy of Designated Source of Payment • Three (3) years Federal Tax Returns • Current Financial Statement • Data Input Sheet | <ul style="list-style-type: none"> • Data Input Sheet Addendum • Copy of Contract for the Contracting Firm • A Copy of the Letter of Approval to Construct issued by Missouri DNR • A Copy of the Letter of Approval to Operate issued by Missouri DNR • Copies of Receipts for expenses to be covered by loan |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SIGNATURE OF BORROWER	DATE
SIGNATURE OF BORROWER	DATE

Dairy Loan Input Sheet

CADSIM Dairy Financial Planning Model
Commercial Agriculture Program
University of Missouri

Farm name:
Operator(s) Name:
Address:

Home phone number:
Work number:
Fax number:
e-mail:

Describe in your own words your current dairy operation and the project for which you are seeking a loan:

Questions?

What year will your analysis begin on?

Cow Flow:

1) How many head of milking and dry cows do you have as of January 1?

 head

2) Answer these questions:

	this year	year 2	year 3	year 4	year 5	
target ending herd size						head
annual cull rate (%)						percent
annual death loss (%)						percent
number of cows sold for dairy purposes						percent
what is your calving interval in months?						months
what percent of your female calves do you sell each year?						percent

3.) How many replacements do you have?

This year	year 2

4) If you purchased cows, when will they enter the milking string?

	this year	year 2	year 3	year 4	year 5
number of purchased cows:					
which quarter will they enter the herd:					
Quarter 1					
Quarter 2					
Quarter 3					
Quarter 4					

5) What is the value of your livestock?

	Market value	Cull value	\$/head
milking and dry cows			\$/head
12-24 months			\$/head
6-12 months			\$/head
2-6 months			\$/head
0-2 months			\$/head

6) What are your average days dry for the herd?

days

7) What is your herd's annual expected daily tank average?

	this year	year 2	year 3	year 4	year 5
pounds					

9) What milk price do you expect to have this year?

\$/cwt

Income:

1) If you sell breeding stock, what do they sell for?

\$/hd

2) What do bull calves sell for in your area?
Heifer calves?

\$/hd
\$/hd

3) What are your expectations this year for crop grain sales?

\$

4) What are your expectations regarding government payments?

\$

5) What other farm income can you expect this year from custom harvesting,
capital revolvments, cash rents, etc?

\$

6) What off-farm income would you like to reflect in your cash flow?

\$

7) Have you or do you plan to sell any assets this year:
Machinery?
Real estate?
Other?

\$
\$
\$

8) How much money will you borrow each year:

	this year	year 2	year 3	year 4	year 5

9.) Describe in your own words what the purpose of the loan(s) will be:

Feed costs:

1) What are your daily feed costs/cow/day for the following milking groups?

	Group 1	Group 2	Group 3	Group 4	Group 5
percent of cows:					
percent refusal:					
feed cost/cow/day:					

2) What are your daily feed costs/cow/day for the following dry cow groups?

	Group 1	Group 2	Group 3
percent of cows:			
percent refusal:			
feed cost/cow/day:			

3) What are your youngstock diets?

	12-24 mo	6-12 month	2-6 months	0-2 months
percent refusal:				
feed cost/heifer/day:				

Crops Raised: Don't Include Grain Cropland!

note: account for grain sales and total crop expenses elsewhere. This section accounts for forage production only.

1) Answer the following questions regarding forage crops:

	Year 1	Year 2	Year 3	Year 4	Year 5
Crop #1: Corn silage					
acres planted					
yield per acre (tons)					
price/market value (\$/ton)					
shrink (percent)					
percent of crop that will be sold					
Crop #2: Wheatlage					
acres planted					
yield per acre (tons)					
price/market value (\$/ton)					
shrink (percent)					
percent of crop that will be sold					
Crop #3: Alfalfa Haylage					
acres planted					
yield per acre (tons)					
price/market value (\$/ton)					
shrink (percent)					
percent of crop that will be sold					
Crop #4: Alfalfa Hay					
acres planted					
yield per acre (tons)					
price/market value (\$/ton)					
shrink (percent)					
percent of crop that will be sold					
Crop #5: Grass Hay					
acres planted					
yield per acre (tons)					
price/market value (\$/ton)					
shrink (percent)					
percent of crop that will be sold					

Other expenses:

1) Answer the following questions about labor for each year:

	0	1	2	3	4
How many hours of hired labor will you have?					
Cost per hour					
How many hours of unpaid family labor?					

2) What do you expect to spend this year on seed?

\$

3) What do you expect to spend this year on fertilizer and chemicals?

\$

4) What are you per cwt marketing costs for:

- federal assessment
- advertising
- coop fee
- hauling

Example

	0.0000 \$/cwt
	0.1500 \$/cwt
	0.0000 \$/cwt
	0.5500 \$/cwt

5) What are your annual "dairy only!" per cow costs for:

- DHI testing
- artificial insemination
- veterinarian
- medicine
- farm supplies
- fuel & oil
- utilities

Example

	20 \$
	15 \$
	21 \$
	19 \$
	58 \$
	14 \$
	40 \$

6) What are your annual costs for:

- non-dairy farm supplies
- non-dairy fuel and oil
- non-dairy utilities
- building repairs
- machinery & equipment repairs
- rent
- taxes (R.E. & personal prop)
- farm insurance
- legal & professional fees
- custom hire
- car and truck costs
- contract heifer rearing
- other expenses

	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$
	\$

Loans

1) What are your loan obligations (both principal and interest) for this year and the next four years?

	this year	year 2	year 3	year 4	year 5
--interest					
--principal					
--total payment					

Note: if you can't answer this question, fill in the following:

	Type of Loan	Date of Loan	Amount Borrowed	Years of Loan	Monthly, Quarterly, or Annual	Interest Rate	Payment Amount	Current Balance Owed
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

How much total farm debt do you owe?

Miscellaneous questions:

1) How much do you expect to spend for capital purchases each year?

	this year	year 2	year 3	year 4	year 5
--machinery & equipment					
--buildings					
--land purchases					

2) What do you expect to spend this year on family living expenses? \$

3) What do you expect to spend this year for state and federal income taxes and self-employment taxes? \$

4) What other expenses can you think of? \$

5) What ongoing depreciation will you have from existing assets?

	this year	year 2	year 3	year 4	year 5
--machinery & equipment					
--buildings					
--other					

Balance Sheet Information

Current assets:

Cash
Commodities for sale & feed
Feeder livestock & cull cows
Supplies & prepaid expenses
Investment in growing crops
Accounts receivable & other
Other current assets

Beginning balance for:

Non-current assets (net accum deprec):

Farm and equipment:
Land
Non-farm real estate
Buildings
Equipment
Autos & trucks
Other assets
Investment in Coops
Contract receivables
Other

Beginning balance for:

Current liabilities:

Accounts payable, feed dealers
Accounts payable, trade
Accrued interest
Payroll taxes & wages
Operating note
Estimated current portion of debt
Other current liabilities

Beginning balance for:

Long-term Debt:

Bank note
Real estate note
Other long-term debt

Beginning balance for:

Owner's Equity:

Cumulative capital contributions as of Jan. 1
Cumulative personal withdrawals as of Jan. 1

Beginning balance for:

List your expected capital contributions and personal withdrawals expected during each year:

	this year	year 2	year 3	year 4	year 5
capital contributions					
personal draws					

List other cash investments expected in the future:

this year	year 2	year 3	year 4	year 5
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